

JOHN HIPES

Northern Virginia Area

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EDUCATION

Virginia Tech, Pamplin College of Business - Blacksburg, VA

Bachelor of Science in Business Information Technology (BIT) - Concentration in Data and Decision Sciences

Expected Graduation - May 2027 | GPA: 3.51

Relevant Coursework - Business Information Systems, Data Modeling, Systems Analysis, Database Management, Business Analytics, Python Programming, and Project Management.

PROFESSIONAL EXPERIENCE

CarMax, Inc.

Sterling, VA | Buyer's Assistant | Summers 2023 & 2024

- Supported the Buyer team in evaluating vehicle acquisition criteria and managing logistics between departments to ensure timely delivery and sale readiness.
- Collaborated with buyers to assess and manage incoming inventory to optimize purchasing department duties and foster a clean and efficient system.
- Streamlined communication between operations, inspection, and reconditioning teams to enhance workflow efficiency.
- Engaged with customers on-lot and in showroom to create a warm and welcoming environment.

TECHNICAL PROJECTS

Product Availability Tracker

Virginia Tech (Team Project) | 2025

- Co-led a four-person development team to build a multi-window desktop application visualizing product availability across 50+ Virginia cities, using MVC architecture and Pandas-driven data pipelines.
- Collaborated through GitHub, conducting code reviews, pair-programming in VS Code Live Share, and coordinating feature branches to maintain consistent UI/UX patterns.
- Facilitated weekly stand-ups and architecture discussions, aligning team deliverables, resolving blockers early, and ensuring smooth integration between databases, UI components, and analysis logic.

RagSpot (Startup)

Platform Developer | 2025 – Present

- Built a secure full-stack environment using Flutter Web (front end), Flask (Python) backend, and SQLite database, integrating booking, analytics, and payment systems.
- Designed and developed a mobile and web-based detailing platform connecting car owners with local detailers for on-demand scheduling.
- Deployed Dockerized containers for local development and testing environments, emphasizing modular, scalable design.

TECHNICAL & PROFESSIONAL SKILLS

Programming - Python, SQL, HTML/CSS, VBA, JavaScript

Tools & Systems - Microsoft Excel, Power BI, Flask, GitHub, Docker, SQLite, VS Code, AI Integration in Development

Soft Skills - Leadership, Collaboration, Analytical Thinking, Technical Writing, Cross-Functional Communication

CERTIFICATIONS & ACHIEVEMENTS

Dean's List - Virginia Tech

Upsilon Pi Epsilon Honor Society - Virginia Tech

ECBA - Actively pursuing

EXTRACURRICULAR ACTIVITIES

Entrepreneurship Club, Virginia Tech - Member; participate in professional development workshops and consulting simulations.

Warm Hearth Village Volunteer - Active volunteer; engage in life enrichment activities such as Rock Steady Boxing and stability training courses for elderly in addition to other miscellaneous volunteering opportunities.